

Rev 06/06

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application : Mansoor Amiji et al.  
Application No. : 10/501,130  
Filing Date : July 12, 2004  
For : HYBRID IMMOBILIZED CATALYTIC SYSTEM WITH  
CONTROLLED PERMEABILITY  
Confirmation No. : 5628  
Examiner : Counts, Gary W.  
Attorney's Docket : NU-598XX

TC Art Unit: 1641

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on Feb. 15, 2007.

By: Holliday C. Heine  
Holliday C. Heine, Ph.D.  
Registration No. 34,346  
Attorney for Applicant(s)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

It is desired to cite for the record in this application the enclosed references listed on the attached copy of PTO Form #1449. The paragraph(s) marked below are applicable to this Information Disclosure Statement.

- [ ] (1) Pursuant to 37 C.F.R. § 1.97(b)(1) and (2), the attached Information Disclosure Statement is being filed within three months of the filing date of the above identified national application or within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 of the above

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identified application. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.

- ☐ (2) Pursuant to 37 C.F.R. § 1.97(b)(3), applicant(s) believes the attached Information Disclosure Statement is being filed before the mailing date of a first Office action on the merits. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.
- ☐ (3) Pursuant to 37 C.F.R. § 1.97(b)(4), applicant(s) believes the attached Information Disclosure Statement is being filed before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.
- ☒ (4) Pursuant to 37 C.F.R. § 1.97(c), the attached Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by:  
☐ a statement under 37 CFR § 1.97(e); or  
☒ the fee set forth in § 1.17(p), a check for \$180.00 is enclosed herewith

PETITION UNDER 37 CFR § 1.97(d)

- ☐ (5) Pursuant to 37 CFR § 1.97(d), applicant(s) hereby petitions the Commissioner to consider the attached Information Disclosure Statement which is being filed on or before payment of the issue fee. This petition is accompanied by a statement under 37 C.F.R. § 1.97(e) and the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT UNDER 37 C.F.R. § 1.97(e)(1)

- ☐ (6) The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

STATEMENT UNDER 37 C.F.R. § 1.97(e)(2)

- ☐ (7) The undersigned hereby states that no item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the

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undersigned after making reasonable inquiry, no item of information contained in the attached Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Where the status of the application has changed, unknown to the applicant, such that the boxes checked are no longer applicable, the Commissioner is authorized to accept this submission with any additional fees required by that change charged to Deposit Account No. 23-0804.

The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made. The filing of this Information Disclosure Statement is not to be construed to be an admission that the information cited herewith is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b), or that Applicant(s) is(are) unable to provide an affidavit under 37 CFR §1.131 swearing back of such information.

If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy 37 C.F.R. § 1.98(a)(3) even if in a foreign language because the codes are the same in all languages. However, applicant(s) does not necessarily adopt the position reflected by that report.

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The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 23-0804. Triplicate copies of this letter are enclosed.

Respectfully submitted,

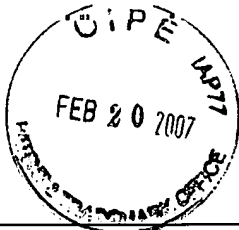
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Date: February 15, 2007

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<b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>(REV. 05/03)</b>  <b>SUPPLEMENTAL INFORMATION DISCLOSURE CITATION</b>  <i>(Use several sheets if necessary)</i>	<b>ATTY. DOCKET NO.</b> NU-598XX	<b>APPLICATION NO.</b> 10/501,130
	<b>APPLICANT:</b> Mansoor M. Amiji et al.	
	<b>FILING DATE</b> July 12, 2004	<b>TC ART UNIT</b> 1641

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION/ ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE
	US2002/0053544	5/9/2002	Huang et al	210	650	9/10/2001
	US2002/0055461	5/9/2002	Jin et al	514	2	6/21/2001
	US2002/0034552	3/21/2002	Prokop	424	497	12/29/2000
	US2002/0164364	11/7/2002	Quong	424	417	5/2/2001
	US 5,904,927	5/18/1999	Amiji	424	422	3/14/1997
	US 5,885,609	3/23/1999	Amiji	424	425	5/23/1997
	US 5,840,341	11/24/1998	Watts et al.	424	499	8/21/1995
	US 6,228,291	5/8/2001	Lee et al	264	4.1	6/29/1999

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 00/53295	14-Sept-2000	WIPO	B01D	69/10	Yes	

**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent Pages, etc.)

	Gaserod et al., "Microcapsules of Alginate-Chitosan II: A Study of Capsule Stability and Permeability", Biomaterials, Vol. 20, pp. 773-783, (1999).
	Vandenberg et al., "Factors Affecting Protein Release from Alginate-Chitosan Coacervate Microcapsules During Production and Gastric/Intestinal Simulation", Vol. 77, pp. 297-307, (2001).

**EXAMINER****DATE CONSIDERED**

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.